

(12) INTERNATIONAL APPLICATION PUBLISHED IN PURSUANCE OF THE PATENT CO-OPERATION TREATY
(PCT)

(19) WORLD INDUSTRIAL PROPERTY ORGANISATION
International Bureau
WIPO

(43) International publication date: 13th January 2005 (13.01.2005)	PCT	(10) International Publication No: WO 2005/003488 A1
--	-----	---

(51) International Patent Classification⁷ : E04F 15/04

(21) International application No: PCT/DE2004/001419

(22) International filing date: 2nd July 2004 (02.07.2004)

(25) Language of filing: German

(26) Language of publication: German

(30) Priority Data:
103 29 686.7 2nd July 2003 (02.07.2003) DE

(71) Applicants (for all designated States except US):
AKZENTA PANEELE + PROFILE GMBH [DE/DE];
Werner-von-Siemens-Strasse 18-20, 56759 Kaisersesch
(DE)

(72) Inventor; and

(75) Inventor/Applicant (only for US): HANNIG, Hans-Jürgen [DE/DE] Eidechsenweg 8, 51427 Bergisch Gladbach (DE)

(74) Attorney: LIPPERT, Hans-Joachim; Lippert, Stachow Schmidt & Partner, Frankenforster Strasse 135-137, 51427 Bergisch Gladbach (DE)

81) Designated States (unless otherwise specified for each available national kind of protection right): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,

(54) Title: PANEL COMPRISING A LOCKING SYSTEM

(57) Abstract: The invention relates to a panel (1, 2) comprising a quadrangular panel portion of coated wood material wherein mutually opposite edges of the panel (1, 2) have mutually complementary positively locking profiles (3, 4) so that similar panels (1, 2) can be assembled, wherein the surface of at least one of the positively locking profiles (3, 4) has at least in region-wise manner raised portions (5, 6, 7) and recesses (8, 9), the raised portions (5, 6, 7) during assembly of two panels (1, 2) can be ground down by friction, and the recesses (8, 9) are of a volume in which resulting abrasion particles (5a, 6a, 7a) from the projections (5, 6, 7) can be received.

CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW,

(84) Designated States (unless otherwise specified for each available regional kind of protection right): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

With International Search Report.

- Prior to expiry of the period allowed for amendment in the claims; publication is repeated if amendments are received

For explanation of the two-letter codes and the other abbreviations reference should be made to the notes ("Guidance Notes on Codes and Abbreviations") at the beginning of each regular issue of the PCT-Gazette.